

**Metropolitan Transportation Commission
Operations Committee**

July 8, 2022

Agenda Item 4h

Project Awards and New Contracts – Program for Arterial System Synchronization (PASS) Fiscal Year 2022-23: 1) Approval of PASS Project Awards; and 2) Approval of PASS Consultant Contracts: a. DKS Associates (\$223,000); b. Iteris, Inc. (\$404,700); c. Kimley-Horn and Associates, Inc. (\$333,800); and d. TJKM Transportation Consultants (\$332,300)

Subject:

Request for approval of the PASS Project Awards and Consultant Contracts for the Fiscal Year 2022-23 Cycle.

Background:

The region's arterials carry heavy traffic and experience significant congestion during peak and non-peak periods. For 29 years, MTC has been administering the PASS or similar service to provide technical assistance to Bay Area agencies, cities and counties to re-time traffic signals to improve traffic operations.

PASS FY2022-23 Cycle of Projects

On March 21, 2022, MTC issued a PASS Call for Projects and subsequently received 11 applications from local agencies that nominated one or more arterial corridors for signal timing technical assistance. Applications were received from jurisdictions in Contra Costa, Napa, San Mateo, Santa Clara and Sonoma. Staff evaluated each application against the following project evaluation criteria: 1) ability to meet PASS goals – improve travel time and travel time reliability, improve air quality, and improve safety for motorists, transit riders, pedestrians, and bicyclists; 2) project readiness; and 3) project management capacity. Based on the evaluation, staff recommends approval of 10 applications covering 31 qualifying arterial corridors for the FY 2022-23 cycle, as identified in Attachment A. Attachment A also includes the recommended hardware cost for each project and the overall program contingency budget.

Contracts – PASS Technical Consultant Services

In May 2022, staff reviewed Statements of Qualifications (SOQs) for firms selected for the 2021 On-Call Transportation Planning and Engineering Services bench, Service Category C: Arterial Operations. Of the eight pre-qualified firms, four have consistently been selected for this program on the basis of superior qualifications and experience with signal timing projects. These firms are: DKS Associates, Iteris, Inc., Kimley-Horn and Associates, Inc., and TJKM Transportation Consultants. Based on the most recent SOQ review those teams remain the most qualified to provide technical services for the projects recommended in this PASS cycle.

Attachment B includes a summary of the consultants and their project teams' small business and disadvantaged business enterprise status.

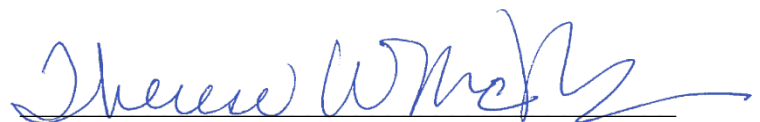
Issues: None identified.

Recommendations:

Staff recommends that this Committee approve the PASS FY 2022-23 Cycle of Projects listed in Attachment A. Staff also recommends that this Committee authorize the Executive Director or designee to negotiate and enter into contracts with the following consultants to provide technical assistance for the PASS projects through June 30, 2023: DKS Associates (\$223,000); Iteris, Inc. (\$404,700); Kimley-Horn and Associates, Inc. (\$333,800); and TJKM Transportation Consultants (\$332,300).

Attachments:

- Attachment A: PASS Project Award Recommendations - Detailed Project Information Table
- Attachment B: PASS Project Award Recommendations - Summary Program Information Table
- Attachment C: Disadvantaged Business Enterprise and Small Business Enterprise Status



Therese W. McMillan

Attachment A - PASS Project Award Recommendations - Detailed Project Information Table

Project #	Project Sponsor	County	Project Corridors	# of signals	MTC Award	Local Match	Consultant Services	Hardware	Total	Consultant
1	Town of Atherton	San Mateo	Middlefield Rd	5	\$36,975	\$6,525	\$43,500	\$0	\$43,500	TJKM
2	City of Concord	Contra Costa	Treat Blvd; Clayton Rd; Monument Blvd; and Galindo St/Concord Ave	54	\$155,838	\$22,262	178,100	\$0	\$178,100	TJKM
3	City of Napa	Napa	Soscol Ave; Trancas St; Lincoln Ave; and Jefferson Ave	40	\$154,530	\$27,270	\$181,800	\$0	\$181,800	Iteris
4	City of Pittsburg	Contra Costa	Buchanan Ave; Railroad Ave; and West Leland Rd	37	\$100,463	\$17,437	110,700	\$7,200	\$117,900	TJKM
5	City of Redwood City	San Mateo	El Camino Real	11	\$105,125	\$14,575	\$110,900	\$8,800	\$119,700	KHA
6	City of San Bruno	San Mateo	San Bruno Ave	15	\$75,225	\$13,275	\$88,500	\$0	\$88,500	KHA
7	City of San Jose	Santa Clara	Blossom Hill Rd; Branham Ln; Camden Ave; Piedmont Rd; Prospect Rd; The Alameda; and Union Av	71	\$191,060	\$31,840	\$222,900	\$0	\$222,900	Iteris
8	Santa Rosa	Sonoma	Farmers Ln; 3 rd St; Dutton Ave; and Mendocino Ave	18	\$72,010	\$13,190	\$80,400	\$4,800	\$85,200	DKS
9	City of South San Francisco	San Mateo	Westborough Blvd; Chestnut Ave; El Camino Real; and Hickey Blvd	23	\$124,775	\$17,825	\$142,600	\$0	\$142,600	DKS
10	City of Walnut Creek	Contra Costa	Ygnacio Valley Rd and California Blvd	24	\$113,805	\$20,595	\$134,400	\$0	\$134,400	KHA

Attachment B - PASS Project Award Recommendations - Summary Program Information Table

Consultant Services Subtotal	\$1,293,800
Hardware Subtotal	\$20,800
Program Subtotal	\$1,314,600
Contingency Budget (10%)	\$131,460
Program Total	\$1,446,060
Number of Signals	298

Attachment C

Disadvantaged Business Enterprise and Small Business Enterprise Status

	Firm Name	Role on Project	DBE* Yes / No	If DBE Yes, List #	SBE** Yes / No	If SBE Yes, List #
Prime Contractor	DKS Associates	Analyze and execute signal retiming	No		No	
Subcontractor	TransSIGHT, LLC	Traffic Counts	Yes	42484	Yes	2004682
Prime Contractor	Iteris, Inc.	Analyze and execute signal retiming	No		No	
Subcontractor	Wiltec	Traffic Counts	Yes	8440	No	
Prime Contractor	Kimley-Horn and Associates, Inc.	Analyze and execute signal retiming	No		No	
Subcontractor	Wiltec	Traffic Counts	Yes	8440	No	
Subcontractor	W&S Solutions	Traffic Counts	Yes	38506	No	
Prime Contractor	TJKM Transportation Consultants	Analyze and execute signal retiming	Yes	40772	No	

*Denotes certification by the California Unified Certification Program (CUCP).

**Denotes certification by the State of California.

Request for Committee Approval

Summary of Proposed New Contracts

Work Item No.: 1234

Consultant: 1) DKS Associates, Oakland, CA
2) Iteris, Inc., Berkeley, CA
3) Kimley-Horn and Associates, Inc., Pleasanton, CA
4) TJKM Transportation Consultants, Pleasanton, CA

Work Project Title: Program for Arterial System Synchronization (PASS) FY2022-23
Consultant Services

Purpose of Project: To provide traffic engineering assistance to Bay Area jurisdictions for re-timing and synchronizing their traffic signals.

Brief Scope of Work: Analyze existing conditions, including data collection and development of computer models; develop new signal timing plans; implement and fine-tune timing plans; and conduct performance evaluations.

Project Cost Not to Exceed: DKS Associates (\$223,000);
Iteris, Inc. (\$404,700);
Kimley-Horn and Associates, Inc. (\$333,800); and
TJKM Transportation Consultants (\$332,300).

Funding Source: STP: \$1,119,405
Local Agency Matching Funds: \$174,395

Fiscal Impact: Funding is included in the FY 2022-23 MTC Budget

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into contracts with listed firms for a one-year period ending June 30, 2023 for the purposes described above and in the Operations Committee Summary Sheet dated July 8, 2022 and that the Chief Financial Officer is authorized to set aside funds for such contracts in the amounts set forth above.

Operations Committee: _____
Carol Dutra-Vernaci, Chair

Approved: July 8, 2022

Request for Committee Approval

Summary of Proposed Projects

Work Item No.: 1234

Work Project Title: Program for Arterial System Synchronization (PASS) FY 2022-23
Cycle of Projects

Program Description: A program that improves arterial operations by providing technical assistance to Bay Area agencies to re-time traffic signals to improve signal coordination.

Funds for Projects: PASS FY 2022-23 = \$1,446,060 (Attachment A)

Funding Source: STP: \$1,242,786
Local Agency Matching Funds: \$203,274

Fiscal Impact: Funding is included in the FY 2022-23 MTC Budget

Motion by Committee: That the projects listed in Attachment A in the Operations Committee Summary Sheet dated July 8, 2022 for the FY 2022-23 PASS Cycle of Projects are approved.

Operations Committee:

Carol Dutra-Vernaci, Chair

Approved: July 8, 2022